

Converting Colors

`RYB(225, 234, 239)`

Have a look what the booklet for
RYB(225, 234, 239) contains.

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Color

R_YB(225, 234, 239)

Conversions

Conversions Part 1

Format	Color
Hex	E1EFE9
RGB	225, 239, 233
RGB Percent	88%, 94%, 91%
CMY	0.1176, 0.0627, 0.0871
CMYK	0.06, 0.00, 0.03, 0.06
HSL	153°, 30%, 91%
HSV	153°, 6%, 94%
XYZ	76.5941, 83.6111, 89.0261
YIQ	234.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

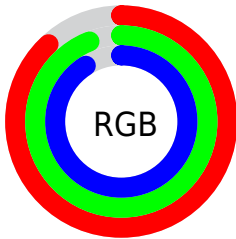
Format	Color
R _Y B	225, 234, 239
Decimal	14807017
CIE Lab	93.28, -5.75, 1.40
CIE LCh	93, 5.919, 166.334
Yxy	83.6111, 0.3073, 0.3355
Android (android.graphics.Color)	4292997097 (0xFFE1EFE9)
YUV	234.1300, -0.5571, -8.0070
Hunter-Lab	91.4391, -10.4976, 6.2820

Details

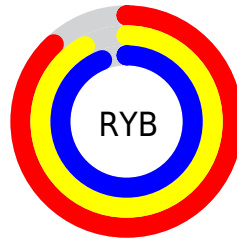
The RYB color **225, 234, 239** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **239, 225, 231**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 178, 183** is the 20% darker color. If you saturate the color by 10%, you get **201, 225, 239**, and if you desaturate by 10%, it is **249, 239, 243**.

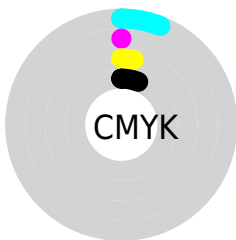
Distribution



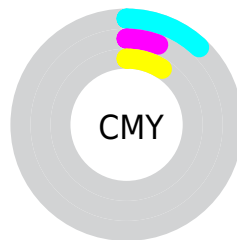
- Red (88%)
- Green (94%)
- Blue (91%)



- Red (88%)
- Yellow (92%)
- Blue (94%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (12%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 234, 239 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 225, 234, 239 by changing the saturation by 10% instead.

■ 225, 234, 239

255, 255, 255

■ 225, 234, 239

■ 197, 206, 211

■ 170, 178, 183

■ 143, 151, 156

■ 118, 126, 130

■ 93, 101, 105

■ 69, 77, 81


■ 47, 54, 58

■ 26, 32, 36

■ 0, 10, 15

 225, 234, 239

 225, 234, 239

 201, 225, 239

 249, 239, 243

 177, 217, 239


 255, 239, 254


 153, 208, 239


 255, 239, 255


 129, 200, 239

 105, 191, 239

 82, 183, 239

 58, 175, 239

 34, 166, 239

 10, 157, 239

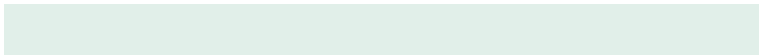
Harmonies

Analogous

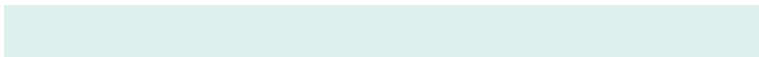
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228, 238, 235



225, 234, 239



222, 231, 239

Triad

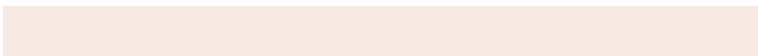
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225, 234, 239



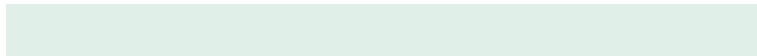
234, 235, 247



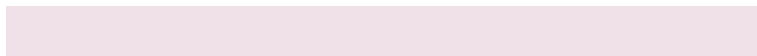
247, 235, 228

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



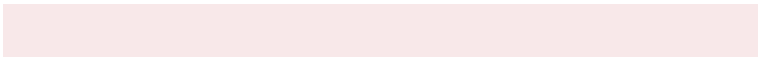
225, 234, 239



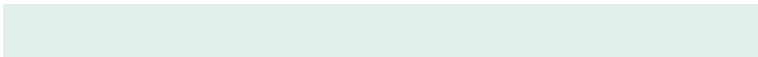
239, 225, 231

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248, 232, 233



225, 234, 239



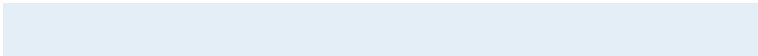
241, 233, 244

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



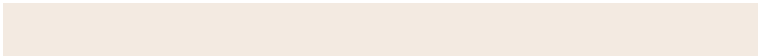
225, 234, 239



227, 234, 247



246, 232, 239



243, 243, 225

Rectangle

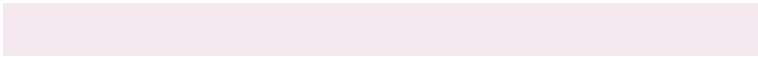
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



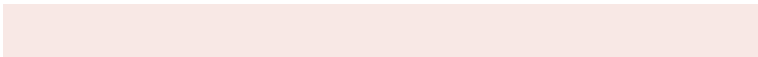
225, 234, 239



222, 231, 242



246, 232, 239



248, 233, 229

Sweetspot

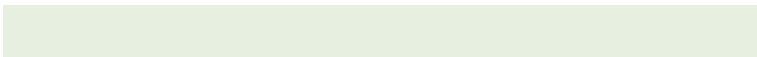
The Sweet Spot groups the original color and five complimentary colors.



225, 234, 239



250, 253, 255



225, 239, 233



125, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

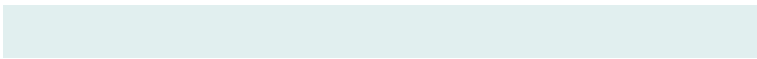
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225, 234, 239



237, 249, 255



225, 232, 239



110, 116, 120



0, 118, 184



0, 36, 56

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



239, 225, 231



255, 237, 245



239, 226, 225



120, 110, 115



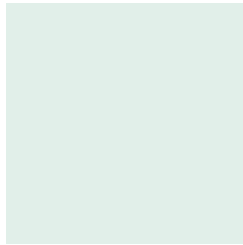
184, 0, 82



56, 0, 25

Previews

White Background



This preview shows how the RYB color 225, 234, 239 looks on a white background.

Color Contrast Check

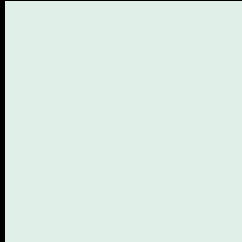
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 225, 234, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

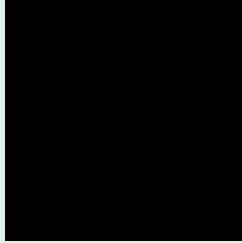
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

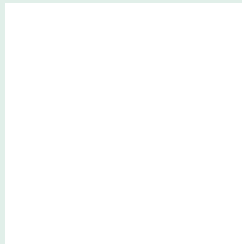
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 225, 234, 239 Background



This preview shows how black text looks on a background with the RYB color 225, 234, 239.

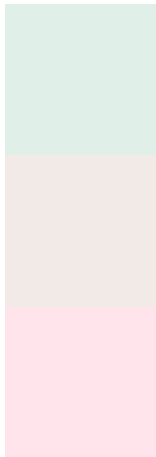


This preview shows how white text looks on a background with the RYB color 225, 234, 239.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
225, 234, 239

Protanopia
241, 236, 230

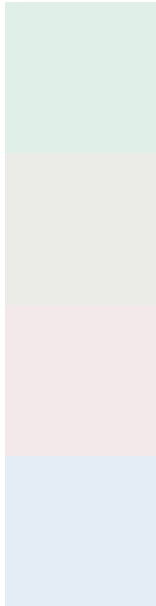
Deuteranopia
255, 229, 235



Tritanopia

229, 234, 254

Trichromacy



Original Color

225, 234, 239

Protanomaly

231, 236, 232

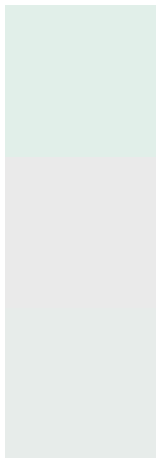
Deuteranomaly

244, 233, 234

Tritanomaly

228, 234, 246

Monochromacy



Original Color

225, 234, 239

Achromatopsia

234, 234, 234

Achromatomaly

231, 234, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 234, 239 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(225, 239, 233)` looks like.

```
.text, #text, p{  
    color:rgb(225, 239, 233)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(225, 239, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 239, 233) }
```

Border

The CSS property to change the border of an element to RYB 225, 234, 239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 239, 233) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(225, 239, 233) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(225, 239, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 239, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 239, 233); box-shadow:4px 4px 4px 4px rgb(225, 239, 233) }
```

Background

The CSS property to change the background color of an element to RYB 225, 234, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 239, 233) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(225,  
239, 233) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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